IV. Forest Surveys.

## B. Scale of Maps for Forests.

General scale to be employed.

**174.** The normal scale for the forest survey maps should be one of 4 inches to the mile, but it is open to the Conservators of Forests to obtain sanction at any time before a survey is taken in hand for the enhancement of the scale to 8 inches to the mile if the forests are very valuable or for the utilization of the ordinary topographical maps on the 2 inches scale if the forests are of little value, full reasons being given in each case for departure from the normal practice.*

Scale sanctioned for Kolába District.

**175.** 1. The 8-inch scale should be adopted in conducting the Forest Surveys throughout the Kolába District.†

Scale sanctioned for Kánara and part of Belgaum.

2. The scale prescribed for Kánara and the Railway Fuel Reserves of Belgaum is 4 inches to the mile.†

Teak and other areas of Khándesh.

3. The scale sanctioned for the teak areas of Khándesh is 4 inches to the mile, babool areas of Khándesh are to be mapped on the 8 inches scale.†

Teak Forest in Surat.

4. Two inches maps have been sanctioned for the Mándvi Táluka of the Surat District.‡

Násik.

5. Násik Division has been mapped on the 8 inches scale.†

Sátára, Nagar and Sholápur.

6. The Survey of Sátára, Nagar and Sholápur Divisions have been surveyed on the 4 inches scale, except teak areas and river side babul in which the 8 inches scale has been employed.†

## V. Working Plans.

## A. Control in the preparation of Working Plans.

On the importance of Working Plans.

**176.** The value of, and necessity for, Working Plans carefully prepared and drawn up on a scientific basis appear to be unquestionable. The importance of such plans has been fully recognized by the Government of India in respect of the forests in the provinces where the forest administration is directly under the control of that Government, and if such plans are requisite in the Central Provinces, Bengal, the

* Government Resolutions No. 5307, dated 7th August 1888; and No. 8185, dated 7th December 1888.

† Government Resolutions No. 7196, dated 9th September 1892; No. 1115, dated 15th February 1901; and No. 4755, dated 9th July 1901.

‡ Government Resolution No. 8433, dated 3rd December 1901.

33.

Sections 177 and 178, page 81

*Cancel* these, being superseded by section 180*a*.

34.

Section 178*a*, page 81.

The words "Superintendent of Working Plans" in the first two lines should be deleted. (Government Resolution No. 12120, dated 15th December 1909, Revenue Department).

## V. Working Plans.

### A. CONTROL IN THE PREPARATION OF WORKING PLANS—*continued.*

Punjáb, Burma and the North-Western Provinces, they are equally needed in respect of the extensive and valuable forests in the Bombay Presidency, notably in Thána, Kánara, Sátára, the Dángs, Násik, the Panch Mahál and Belgaum. Without such a definite scheme of operations founded on careful calculations after personal inspection and examination, there is a serious risk of the forest capital being unduly drawn upon and of excessive cuttings being made in the present which after the lapse of a few years might lead to a partial collapse of forest revenues. There is also the danger, though this is less to be apprehended, that forests may be worked below their capabilities, and that income may thus be lost which might safely have been earned.*

Appointment of the Conservator, Central Circle, as Superintendent of Working Plans.

**177.** The Governor in Council is pleased to direct that the present system of administrative control by the local heads of circles should continue subject to the modification involved in the orders below. In regard, however, to the preparation of working plans the case is different. The fact that in Sind and the Southern Circle little organization remains to be done is discounted by the probability that constant modifications of working plans in all circles will doubtless be required; and it is of importance that Government should obtain the opinion of an expert adviser on the technical questions involved. All Conservators will of course continue to discuss and express their views on plans pertaining to their circles, but all plans or proposed modifications of plans should be submitted to Government through the Senior Conservator who, so far as preparation goes, will be the Superintendent of Working Plans.†

Superintendent, Working Plans, should countersign working plan reports.

**178.** All working plan reports should be countersigned by the Superintendent, Working Plans, before being forwarded to the Collector and Commissioner as regards the other proposals, Government consider that all such reports should be submitted to Government in print by the Superintendent, Working Plans, through the Commissioner, with so much of the correspondence with subordinate officers, whether relating to matters in agreement or disagreement, as the Superintendent and the Commissioner consider it advisable for Government to see, for the purpose of passing orders.

All working plans should be countersigned —

**178a.** All plans should be countersigned by the Conservator, ~~the Superintendent of Working Plans,~~ the Collector and Commissioner in token of general approval. When such approval is modified in any material particular, the endorsement to be countersigned will be "approved subject to remarks in

* Government Resolution No. 4611, dated 8th June 1885.
† Government Resolution No. 1625, dated 11th March 1902.
‡ Government Resolution No. 3735, dated 10th June 1903.

## V. Working Plans.

### A. CONTROL IN THE PREPARATION OF WORKING PLANS—*continued.*

Procedure to be followed when framing working plans.

**179.** Working plans shall, as far as practicable, be prepared for all forests or collection of forests—whether Reserved, Protected or Unclassed—under the management of the Department. Their preparation will be carried out by local agency and under the general or special orders of Government, but in order to ensure that plans may be drawn up according to correct principles, the Conservator shall submit to the Superintendent of Working Plans before, or as soon as possible after, the commencement of operations, a preliminary report.

Preliminary report.

**179a.** This report will contain a short description of the forests for which it is contemplated to frame a working plan, facts relating to their management, working and re-production, the future treatment recommended, with the reasons for the same, propositions regarding the basis on which it is intended to build the plan of exploitation and management (whether on area, material, or material with area-check); and proposals with regard to valuation surveys.

The Superintendent, Working Plans, will retain this report, and communicate his remarks thereon to the Consarvator. The officers in charge of the local working plans divisions will be subordinate to Conservators who are responsible, within their respective Circles, for the preparation and subsequent due observance of the prescription contained in the working plan. Conservators should consult the Superintendent, Working Plans, on all important technical points connected with the elaboration of the working plans.*

Superintendent, Working Plans, may issue orders on technical points in connection with working plans.

**180.** The Superintendent, Working Plans, may issue, in the form of circulars or otherwise, directions regarding the technical part of the preparation of working plans, and call for information regarding the control of existing working plans.

**180a.** The Governor in Council is of opinion that the Senior Conservator should be relieved of the functions with respect to working plans assigned to him by Government Resolution No. 1625, dated 11th March 1902, and is pleased to direct, in modification of the orders passed in that Resolution, that his functions should be restricted to presiding over conferences of Conservators, to submitting proposals in which all Conservators are consulted and to advising regarding appointments which concern more than one Circle. Conservators should in future tabulate working plan data, each for his own Circle, free communication between the Circles being obtained by exchange of reports and tabulated results, as well as by periodical conferences. Each Conservator will always have before him the proposal of the Working Plans Officer of his Circle, checked by the criticism of the Divisional Forest Officer, and will be the final expert authority for plans of his own Circle.†

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* Government Resolutions No. 7626, dated 2nd November 1903; and No. 174, dated 12th January 1903.

† Government Resolution, Revenue Department, No. 12120, dated 15th December 1909.

## V. Working Plans.

### A. CONTROL IN THE PREPARATION OF WORKING PLANS—*concluded.*

Selection of areas to be first taken in hand.

**181.** The organization of the forests containing teak is obviously of considerably more importance than that of the forests in which teak is wanting or poorly represented, and should be taken in hand first, and in times of financial pressure and stagnation of the trade in timber the outlay on feeder roads and similar works of development must be restricted to works of which the direct and immediate profit can be conclusively demonstrated.*

Submission of working plans and control forms to Inspector-General of forests.

**181a.** Copies of all working plans also control forms of all working plans should be forwarded to the Inspector-General of Forests (care of the Imperial Superintendent of Working Plans, Dehara Dun) for information and record.†

### B. Rules to be followed in framing Working Plans.

General rules for the preparation of working plans.

**182.** (i) The Working Plan Report shall as far as possible be drawn up in the following form :—

INTRODUCTION.

*Part I.*

SUMMARY OF FACTS ON WHICH THE PROPOSALS ARE BASED.

*Description of the Tract dealt with.*

Name and situation.
Configuration of the ground.
Underlying rock and soil.
Climate.
Agricultural customs and wants of the population.

*The Composition and Condition of the Forests.*

Distribution and area.
State of the boundaries.
Legal position.
Rights.
Composition and condition of the crop.
Injuries to which the crop is liable.

* Government Resolution No. 3646, dated 9th June 1900.
† Government Resolution No. 1473, dated 8th February 1907.